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Accession Nbr :

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1996-426457

Sec. Acc. Non-CPI :

N1996-219701

Title :

Overvoltage protection for radio receiver input circuit - has two antiparallel diodes connected between antenna socket and earth, with fuse and discharger

Derwent Classes :

U24 W02 W03

Patent Assignee :

(STAN/) STANSCH G

Nbr of Patents :

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Priority Details :

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IPC s :

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Abstract :

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The circuit is connected before the input to receiver (4). The protection includes a fine-wire fuse (2) and also a spark gap (3) with the electrodes placed more closely together than the terminals of the fuse. The receiver will contain a high-pass a low-pass or a band pass filter.

Two antiparallel diodes (1) act as a voltage limits and can be selected to limit the voltage to 300, 400 or 700 mV.

USE/ADVANTAGE - Suitable for LW, MW, SW, VHF and UHF receivers for both professional and entertainment electronics. Effective protection against lightning, or overloading caused by duplex operation, e.g. SW systems with small antenna separation. Low loss. (Dwg.1/1)

Manual Codes :

EPI: U24-F02 W02-G03A9 W03-B01A9

Update Basic :

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